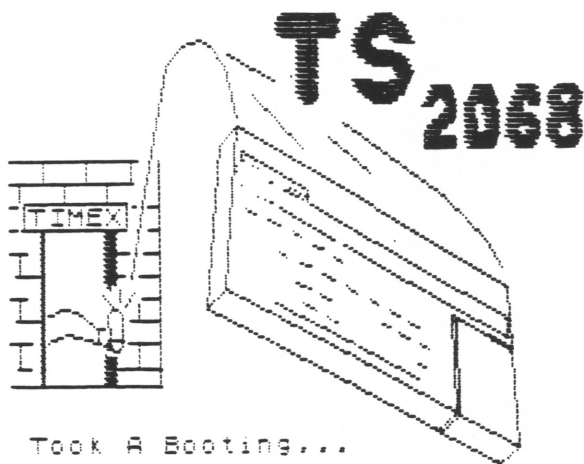


# SINCUS NEWS

AUGUST 1984



Took A Booting...  
But Kept On Computing!

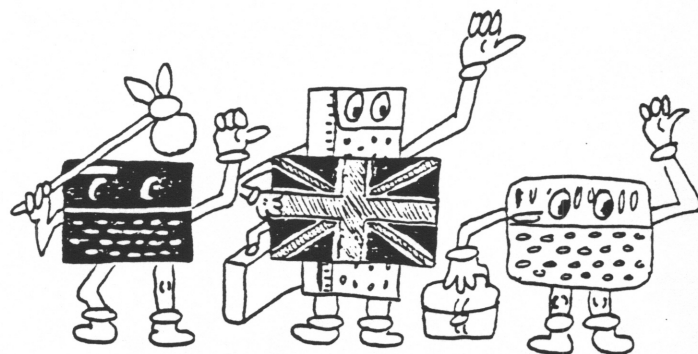
## INSIDE:

NEW MEETING LOCATION!  
TIMEXly Tips - pg 4  
LOTS OF INFO

## NEXT MEETING:

WEDNESDAY  
AUGUST 15  
7:00 PM

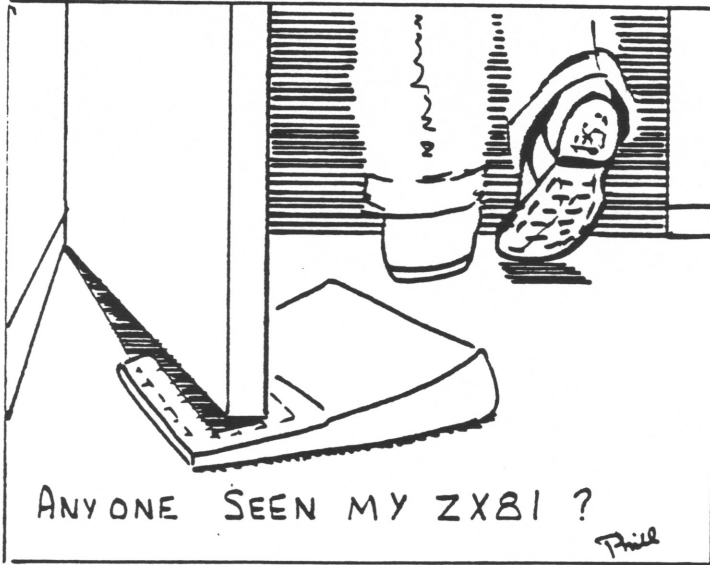
FIRST CITY BANK  
VESTAL PARKWAY  
at MURRAY HILL ROAD



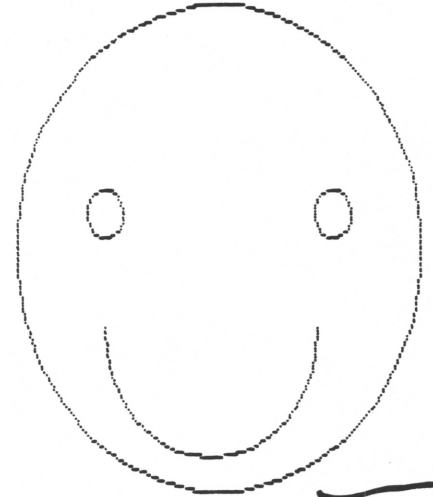
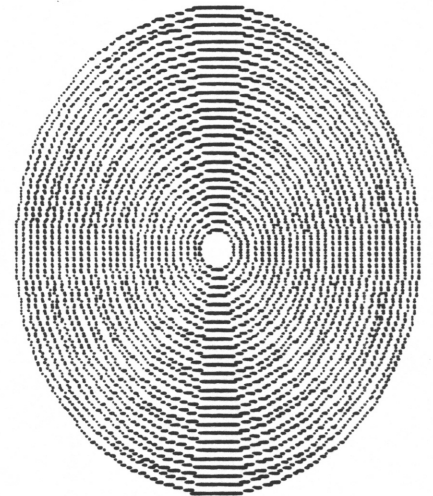
WHERE DO WE GO FROM HERE?  
-Wes Brzozowski

SEE PAGES 5 & 6

SINCUS NEWS P.O. Box 523 OWEGO, NY 13827



Thanks to John Colonna, SINCUS



**2068  
FUN**

```

1000 DEFN smile
1001 FOR i=1 TO 20
1002   LET x=RND*7
1003   HNZK x: BORDER x
1004   CHRPL 1,x
1005   CHRPL 128,88,z
1006   CHRPL 5,x
1007   LET z=z+3
1008   NEXT i
1009   LET z=1
1010   FOR i=1 TO 20
1011     CHRPL INVERSE 1;128,88,z
1012     LET z=z+3
1013   NEXT i
1014   CHRPL 88,188,8
1015   CHRPL 178,188,8
1016   PLOT 88,88
1017   ORB 88,0,PI
  
```

SLOW LOAD...3K program in 79 minutes,  
or more! Rarely loads first time!  
NO RISK.(on our part) a no MONEY BACK  
GUARANTEE.WE WILL GLADLY TAKE YOUR  
MONEY, SO DONT WORRY...SEND OFF TODAY  
AND GET YOURS...we'll get ours.

# SLO-LOADER

HIGHLY EDUCATIONAL...you get to de-  
bug it...you'll learn lots!  
STILL Motion ACTION-LOW RESOLUTION u@  
TO HUNDREDS OF PIXELS-ONE COLOR GRAPH  
HUNDREDS OF USES YOU GET TO NAME ONE!  
HOURS IN THE MAKING, YOU'LL BE STUNNED.  
SEND \$750.0(that's no mistake)TODAY,  
just 750 G. Washingtons TO:  
TURDLE PROGRAMMES  
A SPOOF INDUSTRY  
SARA BELLUM Rd.  
ATTICA,NY 002late  
plus\$25 shipping & handling.

## Turdle Programs<sup>LT</sup>

NOT A REAL ADVERTISEMENT



Thanks to Paul Hill, SINCUS

# SYNTAX

SERVING TIMEX-SINCLAIR  
PERSONAL COMPUTERS

RD 2 Box 457  
Harvard, MA 01451  
617/456-3661

MC/VISA/AMEX/Diners/Carte  
Blanche accepted.

## Z/TS RELATED COMPANIES STILL ACTIVELY SUPPORTING TIMEX/SINCLAIR COMPUTERS

Organization	Address	State ZIP	Telephone
*Kaj MicroDive	1050 E Duane Ave Suite I, Sunnyvale	CA 94086	408/732-2992
*F.N. Software	1605 Penn. Ave. # 204, Miami Beach	FL 33139	305/531-6464
*ERCO	POB 18093, Austin	TX 78760	512/331-0719
Aardvark 80	2352 S. Commerce, Walled Lake	MI 48088	313/669-3110
Appros Technology	1071A Avenida Acosta, Camarillo	CA 93010	805/482-5604
*Audio Vision Systems	1279 N. Normandie, Los Angeles	CA 90027	213/660-5217
AudioGraph	3584 Leroy St., Ann Arbor	MI 48103	313/769-6859
BASICALLY Programming	2528 West Olive Dept S, Fullerton	CA 92633	714/738-0666
Banta Software	8088 Highwood Way, Orangevale	CA 95662	916/722-4895
Barlog Software	401 N. Geyer Rd., Kirkwood	MO 63122	HO 63122
Baune, Andre	304 Scott, Chateaugay	NY 12518	514/691-6933
Biocal Software	107C Willson St., Petaluma	CA 94952	CA 94952
Bird Software	POB 506, Pawaukee	WI 53072	BC VR 2MS
Brainchild Computer Works	3404 Pannee Drive, Alexandria	VA 22304	414/691-3903
*Brown, E. Arthur Co.	304 Pannee Drive, Alexandria	VA 22304	803/532-8812
*Byte-Back Co.	155 7th St., Rochester	NY 14609	716/654-7614
Cinagro Software	101 Bristol Rd., Hounatinside	NJ 07092	201/654-1220
Compusa Corporation	301 16th Ave, San Francisco	CA 94118	415/752-6294
*Computer Continuum	92 Ruskin St., Ottawa	ON K1V 4B2	NC 28557
*Computerware Publishing	POB 233, Morehead City	NC 28557	602/697-8290
*Crystal Coast Software	5344 W. Barff Lane, Glendale	AZ 85306	215/572-6812
*Curry Computer	2737 Susquehanna Rd., Roslyn	PA 19001	916/865-5188
*D. Lipinski Software	POB 681, Orland	CA 95963	512/78472
Dolphic Enterprises	POB 72205, Corpus Christi	TX 78472	212/486-0980
Discount Software	POB 2035, New York	NY 10185	FL 33526
Doc's Software	4339 Keysville Ave., Spring Hill	FL 33526	NC 27834
Down East Computers	POB 3096, Greenville	NC 27834	MA 02169
E-Z Key	Suite 75, 711 S. Artery, Quincy	MA 02169	617/753-1817
EHR-2 Company	POB 635, Fort Washington	PA 19034	215/751-0284
*EIRA Group II	POB 5222, San Diego	CA 92105	OR 97206
*Executive Workshop	7420 SE Woodstock, Portland	OR 97206	CA 94538
*Fingerle, Robert	39639 Embarradero, Fremont	CA 94538	PA 16828
*G. Russell Electronics	RD 1 Box 539-S, Centre Hall	PA 16828	MA 01096
*Games to Learn By	2 South St. Box 575, Williamsburg	VA 23182	MA 04017
Ganhart Graphics	115 N. Rocky River Dr., Berea	OH 44017	GA 30027
General Systems	2312 Rolling Rock Dr., Conley	GA 30027	MD 21133
Consulting			NC 27410
*Geagan Associates	POB 452, Randallstown	MD 21133	NC 27410
Geochind, Herman	1714 Clarendon Dr., Greensboro	NC 27410	NH 03624
Gibson Data Systems	9 Orchard Dr., Durham	NH 03624	NY 14203
Gladstone Electronics	90 Furhamm Blvd., Buffalo	NY 14203	VA 24072
*Group Technology Ltd.	POB 87, Cheek	VA 24072	LA 70002
Harmon, Len	4909 Clearlake Dr., Metairie	LA 70002	AR 72217
Hawg Wild Software	POB 7668, Little Rock	AR 72217	IN 46936
Health Computer Serv.	950 East 52 South, Greentown	IN 46936	NY 11234
Heller Paper Co.	2123 E. 38th St., Brooklyn	NY 11234	GA 31539
Hobby Robot Co.	POB 887, Haleshurst	HI 48864	HI 48864
Hunter	1630 Forest Hills Dr., Okemos	MI 48864	MI 48031
Huron Valley Research	POB 732, Highland	MI 48031	UT 84057
Independence Research	POB 1891, Orem	UT 84057	ON M4H 1P3
Integrated Data Systems	11 Brighton Ave, Toronto	ON M4H 1P3	CA 92025
JH Audio	POB 3295, Escondido	CA 92025	ON K1J 6T4
*JK Software	1852 Appleford St., Gloucester	ON K1J 6T4	IN 47170
*JRC Software	POB 448, Scottsburg	IN 47170	IL 60540
*K-Soft	845 Hallner, Naperville	IL 60540	MI 48104
K2 Electronic Design	3990 Varsity Drive, Ann Arbor	MI 48104	OH 44307
Kidrough, B. F.	723 Kosselle Ave. Floor 2, Akron	OH 44307	NY 13069
*Knighted Computers	707 Highland St., Fulton	NY 13069	315/593-8219

Konder, Arnold	2 Jane St., New York	NY 10014	904/384-8054
*Kuhn, John	1707 King St., Jacksonville	FL 32204	302/734-0179
*Lake, Virginia T.	POB 351, Hockessin	DE 19707	FL 33581
Luxtron Inc	241 Winter St, Haverhill	MA 01830	617/372-5211
*Magic World Software	POB 1189, Olympia	WA 98507	MA 01830
*Maryland Book Exchange	4500 College Ave., College Park	MD 20740	301/927-2510
*Mech. Design Analysis	235 Hadera St., Dubuque	IA 52001	319/556-2133
Cons.			
Microsync Services	162R Marlboro St, Keene	NH 03431	603/393-1507
Hill Research	32749 Avalon Crescent, Abbotstford	BC V2T 3W9	302/734-0179
Monixware	PO Box 318, NFLD	CA 92635	813/922-9574
Orange Coast Software	POB 951, Midway City	CA 92635	512/340-3684
Corp			
People's Computer	25 700 Cerny, Warrenville	IL 60555	312/393-1507
*Phoenix Enterprises	1780 N. Dupont Hwy No. 17, Dover	DE 19901	302/734-0179
*Pyra	2174 Gulf Gate Dr., Sarasota	FL 33581	813/922-9574
Quicksliva	426 West Nakoma, San Antonio	TX 78216	512/340-3684
RAN Products	4736 W. Milwaukee Ave., Chicago	IL 60630	312/259-4934
*RIST Computers	POB 499 Ft Hamilton Sta, Brooklyn	NY 11209	212/259-4934
ROMpak	8206 Blackburn Ave, Los Angeles	CA 90048	CA 90048
*Rames International	48945 Van Dyke, Ulica	MI 48087	MI 48087
Robotec	59 C St Ampoint Ind Park, Perryburg	OH 43551	419/666-2410
*S & S Company	388 W. Lake St., Addison	IL 60101	312/628-8955
Second Base	700 Lexington Ave, Altoona	PA 16601	814/942-1871
Seymour, Paul F., P.E.	POB 11, Hamburg	NY 07419	201/827-9151
*Sharp's	127 Mine Hill Rd., Sandston	VA 23150	804/737-4895
Sidoroski, Edward	POB 842, Susquehanna	PA 18847	CA 92038
Stimulston	POB 2382, La Jolla	CA 92038	619/454-1023
*Stinson Research	50 Stamford St., Boston	MA 02114	617/742-1828
*Sinware	POB 8032, Santa Fe	NM 87504	505/988-2096
Strlusware	6 Turling Hill Rd., Lexington	MA 02178	619/728-6904
*Skinner Electronic Ent.	POB 787, Fallbrook	CA 92028	202/543-5891
*Smalltwe Software	519 Independence Ave. SE, Washington	DC 20003	
Smith, Kendrick	927 Hears Ct., Stamford	CA 94305	415/493-7210
*Soft-May	3308 Midway Dr. #124, San Diego	CA 92110	619/454-1023
*Soft-Net	14 E. 34th St, New York	NY 10016	212/685-2080
Software Solutions	927 Hears Ct., Stamford	CA 94305	415/493-7210
Speedware	POB 19138, Austin	TX 78760	512/447-8087
Starburst Software	2214 Horline Rd., Festus	MO 63028	804/737-4895
Stock Market Software	1586 Halford Ave. #236, Santa Clara	CA 95051	415/665-8330
*Story Software	3836 S 97th St, Milwaukee	WI 53228	415/665-8330
*Stueber, Mark	127 9-Mile Rd., Sandston	VA 23150	804/737-4895
*Sunset Electronics	2254 Taravall, San Francisco	CA 94116	415/665-8330
Synshare	POB 51771, El Monte	CA 91734	213/448-4113
TAG Software	POB 688, Nautatuck	CT 06770	213/665-5111
*TEJ Computer Products	859 N. Virgill Ave., Los Angeles	CA 90029	615/877-6328
*TFS Training Info Serv.	POB 15214, Red Bank	TN 37415	305/296-6657
Tidwell, Vernon	1303 Whitehead St., Key West	FL 33040	301/655-6195
Tiamesa Software	3707 Downey Dale Dr., Randallstown	MD 21133	609/667-0031
UAS	POB 612, Haddenfield	NJ 08033	703/263-0545
Val Corporation	1621 N. Wakefield St., Arlington	VA 22207	703/971-1593
Masserman, Harvey	4604 Apple Tree Dr., Alexandria	VA 22301	409/632-3757
White Lighting	Rite 4 Box 2240, Lutkin	TX 75901	507/282-2416
White, Al	308 16 1/2 Ave. SW, Rochester	MI 48308	
Wizard Works	POB 65, Walkersville	NH 03485	
*Woods, Tom	POB 64, Jefferson	MI 48383	
YK-10 Computerware	9525 Vassar Ave, Chatsworth	CA 91311	213/710-1430
ZK-Pending, Ltd.	POB 25, Newton	NC 28658	704/464-2142
*Zebra Systems Inc.	78-06 Jamaica Ave, Woodhaven	NY 11421	212/296-2385

## HAWG WILD SOFTWARE (TM)

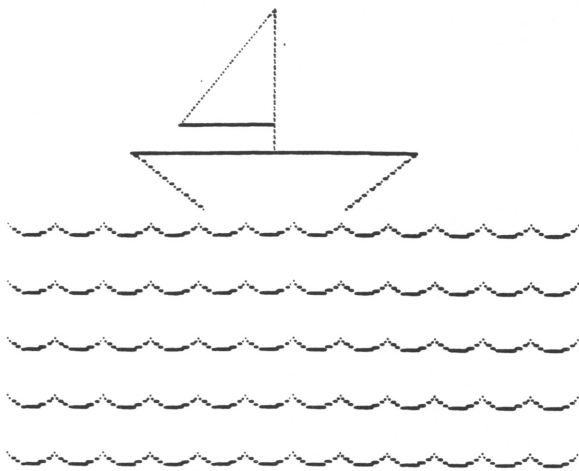
P.O. Box 7668  
LITTLE ROCK, ARKANSAS 72217



or \$48/year. All back issues available.

# TIMEXLY TIPS

THE "WATSON, COME HERE"  
OF SINCUS MEMBERS  
TUESDAY - JUNE 26, 1984



```

1000 REM ***
1010 BOARD: PAPER 5: OLS
1020 PRINT "1"
1030 FOR J=1 TO 5
1040 PLOT 0,0
1050 FOR I=1 TO 10
1060 DRAW 20,0,0*PI
1070 NEXT I
1080 NEXT J
1090 LET Y=Y+20
1100 NEXT J
1110 FOR I=1 TO 320
1120 PRINT "PAPER 7)"
1130 NEXT I
1140 PLOT 150,0
1150 DRAW 200,0
1160 DRAW 100,0
1170 DRAW 300,0
1180 PLOT 100,100
1190 DRAW 0,0
1200 DRAW 100,-100

```

2068  
FUN

Hi Gary  
the connection is finally made  
are you receiving?  
Hi Ches,  
Yes-you are SW5!!!!  
Congrats !!!  
This works fine but the cost of  
communicating is high for the am  
mount of info that gets sent  
typing is not my forte..  
.That's OK - you can always use  
CIS and EMail!!! Why not send me  
a letter that way tonite!  
You can be short!!!  
.....you have email waiting in  
cis when you sign on.....Terrif  
ic-why not sign off for now and  
I'll show CIS off to my company!

O.K. i want to print this screen  
first

THE ABOVE IS FIRST SINCLAIR-SINCLAIR  
MESSAGE SENT USING MODEMS IN  
LOCAL CLUB USE.

Thanks to John Colonna, SINCUS

```

1000 REM Inverse
1010 LET X=0
1020 FOR I=1 TO 10
1030 DRAW X,0
1040 DRAW INVERSE
1050 LET X=X+20
1060 NEXT I

```

```

1000 REM BEEP
1010 FOR I=1 TO 3
1020 OLS
1030 BEEP .15,0: BEEP .15,4: BEE
1040 .15,7: BEEP .25,12: BEEP .15,9
1050 .3,10
1060 PRINT AT 10,7: FLASH 1)"
1070 BEEP
1080 DRAW 0
1090 NEXT I

```

## WHERE DO WE GO FROM HERE ?

### WHERE DO WE GO FROM HERE

by Wes Brocowski, SINCUS

Here's an update on products available for our computers from third party vendors. Things have changed among the magazine since my last article bearing this title, and the illustration suggests that we'll do a lot of looking toward England this time.

SYNTAX has raised its subscription price to \$48 per year. TIMEX-Sinclair News is gone, or rather, has been absorbed by SYNTAX. I've been told that the newsletter IS USSR (not to be confused with the defunct magazine TIMEX-Sinclair User) has ceased publication. If anyone has information to the contrary, please let me know. I've seen a copy of the magazine called BASIC. It was 16 pages, offset printed, and not bad, for the price.

Remember that with the market in its present state, there's no guarantee that any US publication will last long enough for a full year's subscription. Nevertheless, if you want outside information, you'll have to take the risk, and the fate of these publications is entirely in the hands of those willing to risk some faith in them.

The British "Sinclair Magazines" should continue to run strongly. Even now, Sinclair has a 40% market share in England, compared to second place Commodore's 28%. If anyone has decided to "take the plunge" and subscribe, please do let us know. The rest of us must consider that, with the exorbitant overseas subscription rates, and the near impossibility of obtaining replacement copies, the owners may be somewhat reluctant to loan them out. This is quite understandable, and we need to be extra courteous with regard to the very precious British products that may appear at upcoming SINCUS meetings. I expect they'll start appearing soon.

I show that optimism due to the availability of what has been referred to as the Spectrum Emulator, or Chameleon ROM. To give some background, it's possible to make a plug-in cartridge that can replace the system ROM. If that cartridge contained Spectrum BASIC, then the 32068 would act very much like a Spectrum, able to run a lot of Spectrum software. A small percentage of Spectrum programs will still have problems due to hardware differences between the machines.

An added benefit to all this is that the proliferation of Spectrum software will allow us to find out what programs will also run on a standard TS1068.

Let the TS1002 and TS1502 users think they're being ignored it should be pointed out that British ZX-81 tapes should run fine on their machines, no emulator is necessary. There is one rare and highly obscure exception. The cassette/keyboard part also contains a bit that "tells" the ROM if this is a USA or the British version. This is used to set up the video format. Programs that read this part but don't decode it completely can have problems. This is why the WAIT program in the Softsync Toolkit doesn't work. Since the WAIT program is fairly useless, most of the Toolkit owners may be completely unaware of the problem. In any case, a little BASIC pattern search program can find the possible trouble spots, and they can be fixed up in no time.

I've included the addresses of some of the larger British software vendors, as well as addresses of institutions that have no counterpart over here. These are outfits that rent commercial program cassettes, paying a portion of your rental fee as a royalty to the original vendors.

I'm not sure which of the establishments listed here will ship to the US. We'll have to write and find out, but first let's set down some ground rules.

Some of these people may never have shipped to the US, or may have had some bad experiences in doing so. Remember that you want them to see that you're worth the extra bother of doing business with. Type your letter neatly, with a new ribbon, on a single sheet, in business format. Make sure there's sufficient postage on your envelope (40 cents is necessary for a 1 page letter).

In requesting information, it would be wise to include an International Postal Reply Coupon (65 cents, at your post office). This will pay the price of a small reply from overseas. It's not enough for them to ship a catalog, but it's a nice courtesy, and it might motivate them to write you even if they didn't want to do business. At least then you'd know and could try someone else.

There's no need to ask which of their products work with the Spectrum Emulator. At this point they will not know and may not care. Just ask about their Spectrum and ZX-81 products, pointing out that a lot of Spectrum software is now compatible with properly fitted American machines.

Do ask about what kinds of payment they'll accept. This can be a very sticky point, since they'll want Pounds Sterling not Dollars!

If you have a VISA credit card and they accept Barclaycard, you may be able to charge your order. They'll get their pounds, and you'll be billed in dollars, and everyone will be happy.

If they don't accept VISA or other American credit cards, there are other ways, but each has some disadvantages. A commercial bank (Marine Midland for example) can get you a check in pounds sterling drawn on a British Bank. This service is intended to move large sums of money, and the service charge is correspondingly high; about \$10.00 per check.

We commoners might prefer the 10% service charge on traveler's checks made out in pounds sterling. (Again, go to a commercial bank for these.) The problem is that you can't specify the exact value. In fact, you must buy blocks of certain values. You can choose among any of the following: 3-12#, 5-10#, 7-22#, 9-52#, 5-50#, or 10-50#. As I write this the exchange rate is \$1.35 per pound.

There's another way to specify nearly the exact amount, with reasonable service charges. Your post office can provide an international money order in pounds sterling. Ask for form 6701 and fill in the blanks. The service charge is under \$2.00, but depends on the amount you're sending. One problem is that you have to specify the amount in dollars, not pounds. You'll have to add a bit extra to account for currency fluctuations, because the money order may not be made out for a while. Your form goes somewhere in the midwest to a control office that produces the money order and sends it straight to the British vendor you're buying from. This means that your order and your money will arrive separately, allowing great potential for foul-ups. If you want to go this route anyway, be sure the vendor approves, first.

If you haven't been scared off yet here are some addresses:

### \* \* SOFTWARE VENDERS \* \*

- 1.) QUICKSILVA MAIL ORDER, PO Box 6, Wimborne, Dorset BH21 7PY
- 2.) MELBOURNE HOUSE, 131 Trafalgar Rd. Greenwich, London SE18
- 3.) SOFTWARE SUPERMARKET, 87 Howards Lane, London SW15 6NW
- 4.) CRYSTAL COMPUTING, 2 Ashton Way, East Harrington, Sunderland SR3 3RX

# WHERE DO WE GO FROM HERE? (CONTINUED FROM PAGE 5)

\* \* CASSETTE RENTAL \* \*

- 1.) THE SOFTWARE LENDING LIBRARY, PO Box 3, Castleford, West Yorkshire WF10 1UX
- 2.) KERNOW SOFTWARE LIBRARY, 55 Elliot Drive, St Germans, Saltash, Cornwall PL12 5NL
- 3.) NATIONAL SOFTWARE LIBRARY, 200 Mulgrave Road, Chess. Surrey SM2 6UT
- 4.) SOFTWARE LIBRARY, Farnham Road, West Liss, Hants GU33 6DU

\* Don't forget to put the word "ENGLAND" after each address!! \*

This should be enough for TS1000 and TS1500 owners. TS2068 users will also need the Spectrum Emulator. The EMU-1 is available from either:

- 1.) DOUG DEWEY, 206 James St. Carrboro, NC 27510, write for price and other details.
- 2.) HAWG WILD SOFTWARE, PO Box 7668, Little Rock, Arkansas, 72217 price-\$60.00 + \$2.00 post/hand

Ed. NOTE- the emulator is available from other sources for as little as \$29.95. Come to the August meeting for more details!

HAWG WILD also has some Spectrum software, and will give a \$5.00 discount on the Emulator if purchased with a Spectrum cassette.

If you get a Spectrum Emulator, you may also want a Spectrum manual. This, and other Spectrum supplies (I don't know what that means, either) are reportedly available from:

COMPUTERS OF WIGMORE ST, 87 Wigmore St. London W1H 9SA  
(I don't have any prices at the moment)

The true aficionados might want Ian Logan's Spectrum ROM disassembly. I'm told that Zebra (in the US!) has these.

While some readers will welcome the above information, others will see it as the best argument yet to buy American. For these people, there is good news. An establishment called the TIMEX/Singclair Training Information Service, PO Box 15214, Red Bank, TN 37415, has compiled a listing of TS2068 products available from various vendors, and placed it on a catalog-cassette. Updated bi-weekly, it lists over 100 different products. Advertising is free, so the listing has the potential to become fairly complete. Single copies are \$3.00, but updates (you return the cassette for these) are much less. Subscriptions are available. Sounds like a great idea!

Now a question for the audience. Does anyone know where I can get a schematic of the old ZX-80/Microace Video Upgrade Kit? The one that allowed the SLOW mode to work on those old machines. Readers outside our local area, who might like to help, please contact me care of this newsletter.

Once again, if anyone has any questions or information they would like to share, let me know. You'll see it here in the future.

Wes Brzozowski  
SINCUS



Thanks to Paul Hill, SINCUS



SECRETARY'S REPORT:  
JUNE 22 Meeting:

At 7pm. June 20, we meet at the Vestal Public Library, 37 in attendance. Charles Koeth, Carl Morris and Gary Ennis had demos and Gary Cole discussed plans for the July 22 SINCUS Picnic. We hope all can make it, and make it a FAMILY affair.

Charles Koeth explained the different types of keyboards that are available, basically how they work and which is easiest to hook up. He demoed the boards he had wired up, drew charts to help show the functions and let anyone use them for a hands on demo.

Carl Morris showed the MMFY-REZ 64K Ram that he brought from E. Arthur Brown Co. He had connected it to the TS1520 (one of the few in society). The MMRY-REZ features a switchable 8-16K area, HI-RES graphics (192 x 256). It comes with software and a demo program. To draw a CIRCLE enter 'c' and then enter the radius and a circle is there. You can switch back and forth between screens to create animation. There are advanced software cassettes available. This can work on the ZX81, and TS 1020/1520. (ed. note: if this came out in lieu of the 206E, we'd all be looking for this!)

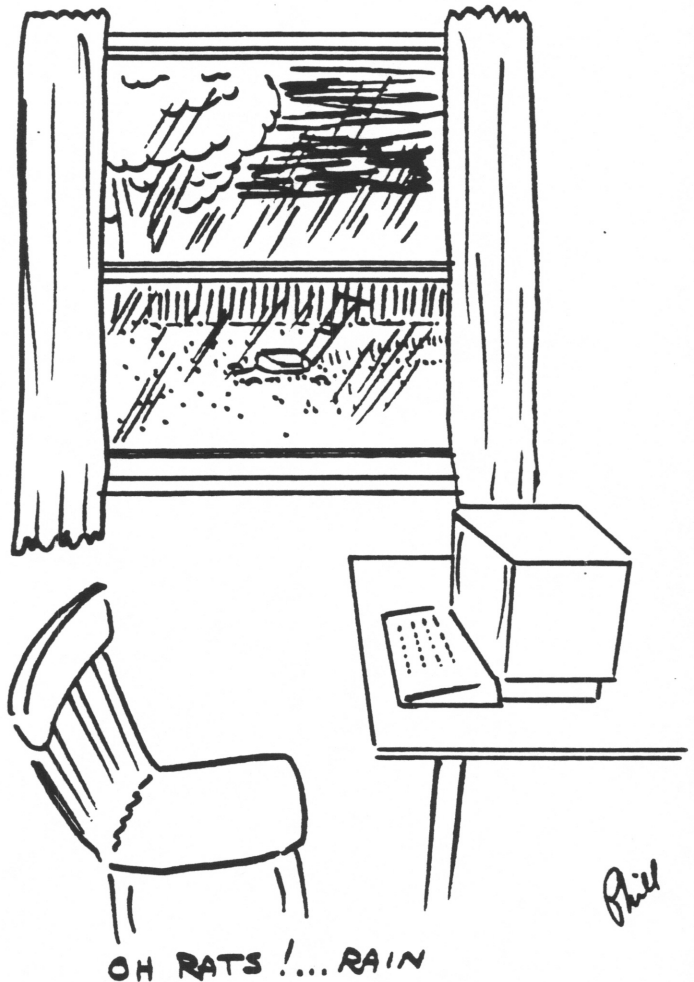
Gary Ennis had video taped a half hour with Compuserve. The difficulty of connecting before 10pm, and the lack of a phone line, had us wondering where and when to demo Compuserve. The MCP solved the problems and once the 5" TV screen was figured out we were treated to an interesting run through of the modem and Compuserve. Maybe later on we'll have another show and maybe the Source? We appreciate the TIME, effort and talent that went into these demos.

Thanks Charlie, Carl and Gary.

This was my last meeting as President, and I was very impressed with the talks/demos. We've come a long way in the last year and a half, the room was just about packed, four new members signed up and we didn't get out until almost 10pm. Thank you for the place and the Cartoon Gary. Thank you to all the officers who served with me and to all the members who keep coming to the meets. Again, apologies to the people who got the dues due notices by mistake. Thanks to all the members who demoed or talked or showed their hardware/software over the past year. And a VERY BIG thanks to G.E. for the SINCUS NEWS.

Paul Hill  
SINCUS

Thanks to Paul Hill, SINCUS



# TRIPLE CITIES BBS

LOCAL BULLETIN BOARDS YOU  
CAN ACCESS WITH A MODEM

JOHNSON CITY 797-6416

RADIO SHACK 722-0739

TARI - LEAVE MSG. ON J.C. THAT  
YOU WANT TO REGISTER

AREA CODE 607

16K RAM pack TEST  
TYPE IN then RUN

```

1 00000000 000
001 00000000 011
000 00000000 000
004 00000000 007
005 00000000 006
006 00000000 007
007 00000000 001
000 00000000 000

```

024: "K" INT (0000) (10000) -16370 /1

SECRETARY'S REPORT:

JULY 18 MEETING

NOTE: WE HAVE A NEW MEETING LOCATION!!!!

\*\*\*\*\* NEW MEETING PLACE \*\*\*\*\*

First City National Bank (branch office)  
 Vestal Parkway at Murray Hill Road  
 Across from SUNY-Binghamton  
 Next to Doco's Restaurant  
 Lots of free parking - the room is downstairs  
 Best to enter from Old Vestal Road

MEETING DATES

(still THIRD Wednesday)

- WED. AUGUST 15 7:00 PM
- WED. SEPTEMBER 19 7:00 PM
- WED. OCTOBER 17 7:00 PM
- WED. NOVEMBER 21 7:00 PM
- WED. DECEMBER 19 7:00 PM

\*\*\*\*\*

We still have a room for meetings reserved at the Vestal Library and we can have classes in the following subjects:

- Beginning BASIC Paul Hill, instructor
- Machine Code Programming John Sims, instructor
- Advanced BASIC Gary Ennis, instructor

Dates of these meetings will be:

- TUESDAY September 16 7:00 PM
- THURSDAY October 25 7:00 PM
- TUESDAY November 22 7:00 PM
- TUESDAY December 18 7:00 PM
- TUESDAY January 15 7:00 PM

SIGN UP at the next meeting so we can have a good class-

\*\*\*\* Coming Soon \*\*\*\* Disc drive for your 2068. According to Knighted Computers, the Ashley 1 will have a Parallel Interface, a serial interface, and a disk interface (with on board memory and can handle RGB. The 3 1/4" disc drives store 64). Expected very soon!

Jim Lamb, a Binghamton, NY city policeman demonstrated how he uses the TS2068 in his line of work. Jim loads "VU-FILE" up and uses the program as a reference, a card file, a data base for reports and records inventory. He has set up 18 fields per page covering everything he does in crime and accident prevention to arrests. With the TS2068 on his desk running 8 hours a day and with nary a crash, he can practically instantly call up any page based on very minimum data. It is quicker and easier to use the city computer system, and with less known data, he can 100 pages of info. In preparing his daily, weekly, and annual reports, he can change the printout format for his 2040 printer, paste the strips on 6 1/2 x 11 paper, and photocopy and the report is done! Jim had a similar setup on his TS1002, using the organizer with the same results. Jim, who is a new member of Sincus, spends much of his time making presentations to the public in safety and accident prevention.

Ed Tribe, a new member, and a Deposit area school teacher demoed the problem he was having with the TS1500. Last month I overheard Ed's problem, and lack of comprehension of it on the part of others. As there aren't many TS1500s around the group, I felt that only a hands on demo could get the problem across. Ed showed the TS1500 hooked up with the 16K RAM, and following the last issue of SYNC magazine's article on "Using RAM Pack" entered the following:

Plug in RAM pack, then type in:

```
POKE 16389,0
POKE 16389,192
NEW
PRINT ((PEEK 16388 + 256* PEEK 16389)-16384) 1024
```

THIS SHOULD RETURN A VALUE OF 32. NOT NECESSARILY 32K OF RAM, BUT THAT 16388 AND 16389 ARE POKED CORRECTLY:

Using the following listing, all addresses will be tested from 16K to 32K and print out the failures.

```
10 FAST
20 FOR J= 32768 TO 49151
30 POKE J, 255
40 LET A= PEEK J
50 POKE J,0
60 LET B= PEEK J
70 IF A <> 255 OR B <> 0 THEN GOSUB 100
80 NEXT J
85 PRINT AT 10, 15: "END"
100 PRINT "ERROR AT ";J
110 RETURN
```

(ED. NOTE - CHANGE LINE 100 TO 105 AND ADD 103 SCROLL)

So this is what Ed entered time and time again, and got errors. Several suggestions were made, as to what the cause. Ed will report back next month his results. Pay attention cause there's gonna be a test!

Wes Broczowski, one of our charter members, contributed a demo of a homemade PLUS IN ROM P40. A small board with an EPROM which plugged into the Command Cartridge Slot ran a short demo program. Now that Wes has the TIMEX advanced technical manual on the 2068 I expect we'll hear a lot of neat ideas that one can do with a 2068 and a couple parts soldered together. Wes wrote a GRAPHICS Utility program that draws, saves, prints, colors, etc and he demoed it and let anyone copy it. I got a copy cause it is similar to the Graphic kit I was working on. Soon I'll have a Broczowski-Hill-Schwenwetter Graphic Arts Paint by Joystick kit.

Final signup for the SINCUS picnic sheet was passed around. All come.

Ted Korany and myself have been busy on the upcoming CHESS MATCH between IX-01s, TS100s, TS2068s and the BIG BOYS....C-64's, ATARIS, and TRS-80s. we've thrown down the glove to the local user groups, and with a little luck, they'll take us on. Keep Sunday, OCTOBER 14, 2 PM OPEN!!

Paul Hill  
 SINCUS

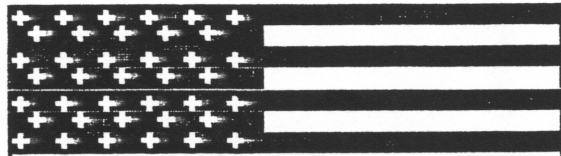
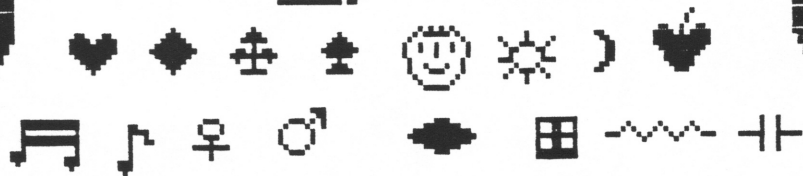
**SINCUS DUES**  
 regular member \$8.00/yr.  
 Corresponding \$6.00/yr.

8

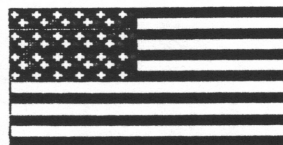
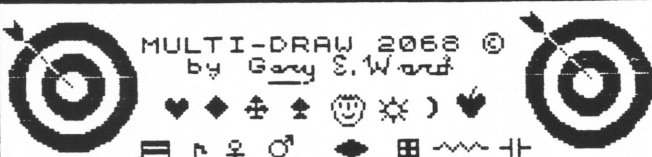




MULTI-DRAW 2068 ©  
by Gary S. Ward



USE JOYSTICK TO:  
-Create your own  
characters, and  
screen designs.



USE JOYSTICK TO:  
-Create your own  
characters, and  
screen designs.  
-set attributes,  
color and fill,  
turn on or off

- any pixel on the screen !!!
- Design a character and place it anywhere on the screen.
- Redefine any or all 256 user-defined characters.
- Save the program, or screen.
- Merge program with your own.
- Clear screen -Copy to TS2040
- Copy in sizes to a full sized dot matrix printer (with graphics capabilities) - must use the HERCO Par I/F.
- Magnify a 4W x 3H portion of screen for easy pixel work.
- Enter character strings (K/B)
- Enter Basic & use any of the commands you want -Circle, Draw Flash, or Whatever you desire.

-DOCUMENTATION & INSTRUCTIONS \$24.95  
S&H \$3.00//N.Y. RES ADD 7% TAX  
ORDER FROM: KNIGHTED COMPUTERS  
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NOTE: THIS AD WAS MADE USING 4315-593-8219

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MULTI-DRAW - 2068 ♥!♥!♥!♥

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MULTI-DRAW - 2068 ♥!♥!♥!♥

# 2K EXPRESS

by Gary Ennis

DOT- MAKE SURE YOU NOTE THE NEW MEETING PLACE  
STARTING WITH AUGUST 15 MEETING  
SINCUS MEETS THE THIRD WEDNESDAY OF EACH MONTH

FIRST CITY NATIONAL BANK  
VESTAL PARKWAY at MURRAY HILL ROAD  
Next to COCO's Restaurant  
Across from SUNY-Binghaston

SEE YOU THERE EACH MONTH - IT SHOULD BE BETTER!

THANKS - To Paul Hill, again, for his efforts through the first two years of the life of SINCUS. And my heartfelt thanks to all SINCUS in entrusting me as your President.

PIDNIO - A band of Sinclair computer buffs invaded Glendale Park on a warm July 22, Sunday afternoon. The food was fine and the friendship as warm as the sunshine. All who attended enjoyed themselves. A Scroll of the Screen to the Town of Union Park's Department personnel who were so accommodating in trying to help us have a successful day. My personal opinion is that we might be better off next year by NOT bringing the computers though-the families were very patient!

RAFFLE - The PIDNIO had a raffle that raised \$8.25 and had the following winners:

TS2066 Software (donated by Inlighted Computers)

Dave Schoenwetter  
Gary Ennis

TS1000 Software (donated by 2K EXPRESS)

Chris Muckey  
Matthew Lecher  
Ted Koranyi

CLASSES You've asked for organized instruction in programming so a new subgroup has been formed "Software Subgroup" with an initial emphasis on programming. Paul Hill will lead some classes on the fundamentals of Sinclair BASIC and getting started. John Sims (with an assist from me) will teach the fundamentals of machine code programming, and I will add advanced programming techniques (in BASIC) with an eye to converting to Sinclair BASIC from other home computers. So sign up at the next meeting and plan to attend the first class on September 18. We know it's two nights in a row, but the volunteer instructors have to do it too!

CHESS The date has been set for the CHESS-O-RAMA:

CHESS-O-RAMA  
SUNDAY  
OCTOBER 14, 1984  
2:00 PM  
VESTAL LIBRARY

I will videotape the Cowboy-Recskin game that day and anyone wanting to see it can see it later! So try to stop in for part of the day, we're challenging other user groups not so much to establish a clear winner as to promote the very existence of user groups!

MASS According to my latest information, your magazine subscription in the defunct magazines is to be handled this way

TIMEX-Sinclair User you will get K POWER

SYNC you will get Creative Computing

HI TECH We are now fully produced on TAGWORD. Many many thanks to Dave Schoenwetter for his help and patience in letting Editors visit his home on short notice and use up his paper while this is run on his Epson printer. So now the TS2066 works like a real computer!! Next thing to improve is the graphic art of the newsletter - though this one is loaded with good stuff.

MODEMS The first Sinclair to Sinclair linkup was made on June 26 between Charles Koeth and myself - through no lack of confusion on my part as I kept trying to answer the phone instead of letting the TS2066 answer it. Of course everytime I picked it up, Charley's computer hung up!! Finally, the link was made - see the "Watson come here" message under TIMEXly Tips.

ARTICLES We really are very fortunate to have talented guys like Wes to write in depth articles on stuff you really do not get a chance to read about anywhere else. But we do need some articles that review software in particular. We've had VU-FILE at the meetings and in print, how about some of the others. If you use VU-CALC or FRD-FILE or BUDGETER or any other software title, write a short article on how you use it, what you like about it, and etc.

AUTHOR Thanks to John Colonna for his contributions this month see the short programs on TIMEXly Tips for the TS2066 they are real fun.

RUMORS TIMESTAR (the reincarnation of the TS2066) is still a viable rumor. This time it even made the pages of that weekly INFOWORLD - and the article quoted a "TIMEX spokesman" as confirming "they were talking".

FACTS Telecommunications is growing. The number of TIMEX users listed in the voluntary index has doubled in a month, new bulletin boards are starting up in the Triple Cities, a new bulletin board (sponsored by SYNTAX) is supposed to debut this month on COMPUERVE and more people are learning that "Sociable Computers" are the look of the future whether that refers to a network in an office or using a modem with your home computer. We've been quoted some good prices on modems if several people buy them-so think about it. This is one deal that may only go down one time in the near future. The SMART II software that will allow you to load/save over the phone line (called UP/DOWN LOAD) is to be out any day now - \$29.95.

THOUGHTS SINCUS is alive and well and headed forward. If you have not been to a meeting lately, try to make it to the August 15 one-you will be amazed at the enthusiasm and the level of performance we are now getting out of the machines. The future is arriving fast - Sinclair is very much a strong entry in the home computer market even if you have to dig a little to get the stuff you want to go with it. Come out and see it in action.

Gary Ennis  
SINCUS  
Editor/President